

IN THE SPECIFICATION:

On page 3 of the specification, after line 7, please insert:

Brief Description of the Drawings

Figure 1 depicts western blots. Figure 1a depicts a western blot to identify type IV cPLA₂ antigen using a rabbit polyclonal antibody raised against mid-molecule type IV cPLA₂ and a swine anti-rabbit IgG antibody coupled to horseradish peroxidase. Lane 1: molecular weight markers. Lane 2: cell cytosol from insect cells infected with baculovirus expressing type IV cPLA₂. Lanes 3-12: samples of red cell hemolysates from schizophrenic patients taking clozapine (lanes 4, 7, 9 and 10), schizophrenic patients taking neuroleptic drugs (lanes 8 and 12), and control patients (lanes 3, 5, 6 and 11). Figure 1b depicts a western blot to identify antigens other than type IV cPLA₂ and a swine anti-rabbit IgG antibody coupled to horseradish peroxidase. Lane 1: molecular weight markers. Lane 2: cell cytosol from insect cells infected with baculovirus expressing type IV cPLA₂. Lanes 3-12: samples of red cell hemolysates taken from schizophrenic patients taking clozapine (lanes 4, 7, 9 and 10), schizophrenic patients taking neuroleptic drugs (lanes 8 and 12) and control patients (lanes 3, 5, 6 and 11).

Figure 2 depicts a calibration curve for an enzyme-linked immunoassay for type IV cPLA₂ protein, which uses a luminescence end point for protein detection.

Figure 3 depicts a frequency histogram of type IV cPLA₂ levels. Figure 3A depicts a frequency histogram of type IV cPLA₂ levels in the red blood cells of 51 healthy volunteers using an enzyme-linked immunoassay for type IV cPLA₂ protein. Figure 3B depicts a frequency histogram of type IV cPLA₂ levels in the red blood cells of 49 patients who meet the DSM IV criteria for the diagnosis of schizophrenia using an enzyme-linked immunoassay for type IV cPLA₂ protein. Figure 3C depicts a frequency histogram of type IV cPLA₂ levels in the red blood cells of 27 volunteers with recognized criteria for identification of dyslexia using an

enzyme-linked immunoassay for type IV cPLA₂ protein.

Figure 4 demonstrates a western blot analysis of type IV cPLA₂ protein antigen in red cell hemolysates from a schizophrenia subject and a control subject. Lane 1: molecular weight markers. Lane 2: cytosol from insect cells infected with baculovirus expressing type IV cPLA₂. Lane 3: cytosol from human monocyte U937 cells containing a cPLA₂ protein. Lane 4: red cell hemolysate from a control subject. Lane 5: red cell hemolysate from a schizophrenia subject.